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ognizes the motion pattern as '2' and transmits a message including commonly-used words to the hot number registered as '2'.

In some exemplary implementation, when the portable terminal is shaken during depression of the number key button, a call connection (or a message transmission) may be attempted to a telephone number registered as a number hot number of the key button.

FIG. 19 illustrates an instance where a video call view mode is changed when a user depresses a particular key button or a touch screen to apply a shaking motion in the video call mode of a portable terminal.

Referring to FIG. 19, when the user shakes the portable terminal during depression of any one key button, an opponent image enlarged view mode may be changed to my image enlarged view mode.

In some exemplary implementation, a video call mode of a portable terminal equipped with a touch screen may be changed to a touched image enlarged view mode if the portable terminal is shaken during a touch of a particular image, or the touched image may be transmitted instead.

FIG. 20 illustrates an instance where a designated operation is performed, when a user depresses a particular key button and shakes a portable terminal in a DMB (Digital Multimedia Broadcasting) reception mode.

Referring to FIG. 20, if a user who has watched the DMB shakes the portable terminal during depression of a call key button (MC), the portable terminal that has outputted the DMB is changed to a preference channel pre-designated by the user.

As illustrated in FIG. 20, if a user who has watched the DMB shakes the portable terminal during depression of a side key button (B1), the portable terminal that has outputted the DMB displays information relative to the currently-viewed channel.

As illustrated in FIG. 20, if a user who has watched the DMB shakes the portable terminal during depression of a gyro key button (B2), the portable terminal that has outputted the DMB sets up the currently-viewed channel as a preference channel of the user.

FIG. 21 illustrates an instance where a displayed image is enlarged or reduced, when a user applies a shaking motion during depression of a particular key button in a mode of a particular image file of the portable terminal equipped with a touch screen being displayed.

Referring to FIG. 21, a ratio of a touched file image to be enlarged was determined by the shaking times (frequency) in a state of an enlargement key button (IK3) formed by an imaginary button at an upper side of the touch screen being depressed, and a ratio of a touched file image to be reduced was determined by the shaking times (frequency) in a state of a reduction key button (IK4) formed by an imaginary button at a lower side of the touch screen being depressed. Furthermore, the shaking motion may be applied to a portable terminal formed at a side thereof with an enlargement key and a reduction key relative to images. It may be also possible to notify a user the completion of enlargement or reduction of an image via vibration, and to output a vibration while the enlargement or reduction is being progressed.

When an instruction of further reduction is given during display of a single image file on an entire screen, it may be possible to display a part of a thumbnail list including the image file as shown in the first screen of FIG. 22.

Referring to FIG. 22, when a user applies a tilting motion of the portable terminal upwards (or downwards) of the screen during display of a part of the thumbnail list relative to the image file, a thumbnail of further up position (or further down

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position) may be displayed, and when a horizontally-tilted motion (left or right) is performed, a left (or right) thumbnail may be displayed. An entire image of the thumbnail list may have a brighter resolution than that of the display of the portable terminal. Even in this case, the user may be notified of the progress of movement of the thumbnail image or completion of the movement of the thumbnail image via vibration or effect sound. Thus, a user may scroll a plurality of images with a predetermined motion. Alternatively, a user may scroll a zoomed single image with a predetermined motion.

In addition, when a user applies a tilting motion of the portable terminal upwards (or downwards) of the screen during display of a part of text relative to the image file, text of further up position (or further down position) may be displayed, and when a horizontally-tilted motion (left or right) is performed, left (or right) text may be displayed. An entire image of the text may have a brighter resolution than that of the display of the portable terminal. Even in this case, the user may be notified of the progress of movement of the thumbnail image or completion of the movement of the thumbnail image via vibration or effect sound. Thus, a user may scroll text with a predetermined motion.

FIG. 23 illustrates a circumstance where an image is enlarged and displayed about a touched area in a mode of a particular image file of a portable terminal mounted with a touch screen being displayed, if a user applies a shaking motion during touch of a desired area (IR3) of the displayed image.

Although not shown in the drawing, when another vibration pattern distinguishable from vibration pattern for enlargement is applied during touch by a user of a desired area on the image, it may be possible to display the image in reduced format about the touched area. Furthermore, the completion of enlargement or reduction of the image may be notified to the user via vibration or effect sound.

FIG. 24 illustrates an instance where a font of a displayed text is enlarged or reduced, when a user applies a shaking motion during depression of a particular key button in a mode of a particular text of a portable terminal formed with a touch screen being displayed.

Referring to FIG. 24, a ratio of enlarging a font of the text was determined according to the shaking times (frequency) during depression of an enlargement key button (IK5) located at a lower area of the touch screen of the portable terminal. Furthermore, it is possible to determine a ratio of reducing the font according to the shaking motion during depression of a reduction key button (IK6) positioned at a lower area of the touch screen of the portable terminal. The determination of ratio of enlargement or reduction of a font may be also applied to a portable terminal having an enlargement key and a reduction key at a side thereof. Furthermore, the user may be notified of completion of enlargement or reduction of the font via vibration. The progress of enlargement or reduction of the font may be also notified to the user via vibration.

FIG. 25a illustrates an instance where volume of bell sound is set up by the shaking times (frequency), when a user applies a shaking motion during touch of a bell sound volume icon area (IR5) on a touch screen in a mode of a bell sound setup menu of a portable terminal equipped with the touch screen.

Furthermore, FIG. 25b illustrates an instance where volume of sound effect is set up by the shaking times (frequency) when a button is depressed, when a user applies a shaking motion during touch of a button volume icon area (IR6) on a touch screen in a mode of executing a button volume setup menu of a portable terminal disposed with the touch screen.